

CLAIMS

1. A vehicle antitheft device mounted on a vehicle having a start device that starts an engine when a
5 collation between an in-vehicle equipment and a portable equipment through a radio communication is completed and an operation of a start operation means is performed, the vehicle antitheft device actuating a predetermined theft
10 preventing function so as to prevent the vehicle from being thieved, the vehicle antitheft device comprising:

in-vehicle equipment current supplying means for supplying an electric current to an in-vehicle electric equipment under a condition where said collation is completed before an engine start is performed by said
15 start device in the vehicle; and

activation limiting means for limiting an activation of said predetermined theft preventing function when a current supply to said in-vehicle electric equipment by said in-vehicle equipment current supplying
20 means is started.

2. The vehicle antitheft device as claimed in claim 1, wherein

said start operation means is a start switch
25 that is operated to be a current supply permitting state to said in-vehicle electric equipment and a start permitting state of the engine stepwisely in that order;

said in-vehicle equipment current supplying means permits a current supply to said in-vehicle electric
30 equipment by being operated to be in the current supply permitting state to said in-vehicle electric equipment; and

said activation limiting means limits said

predetermined theft preventing function when the current supply to said in-vehicle electric equipment by said in-vehicle equipment current supplying means is started within a predetermined time period after said start
5 operation means is operated to be in the current supply permitting state to said in-vehicle electric equipment.

3. The vehicle antitheft device as claimed in claim 2, wherein said start operation means is a push-type
10 start switch, provided in the vehicle, which is pressed down by a vehicle driver.

4. The vehicle antitheft device as claimed in claim 3, wherein the vehicle is equipped with a mechanical
15 start device that starts the engine when an ignition operation is performed in a state where a key is inserted in an ignition key cylinder, and said predetermined theft preventing function includes at least a function to give warning when a turn-on of an ignition is detected in a
20 state where said key is not inserted in said ignition key cylinder.

5. The vehicle antitheft device as claimed in claim 1, wherein said start operation means is a push-type
25 start switch, provided in the vehicle, which is pressed by a vehicle driver.

6. The vehicle antitheft device as claimed in claim 5, wherein the vehicle is equipped with a mechanical
30 start device that starts the engine when an ignition operation is performed in a state where a key is inserted in an ignition key cylinder, and said predetermined theft preventing function includes at least a function to give

warning when a turn-on of an ignition is detected in a state where said key is not inserted in said ignition key cylinder.

5 7. The vehicle antitheft device as claimed in claim 1, wherein the vehicle is equipped with a mechanical start device that starts the engine when an ignition operation is performed in a state where a key is inserted in an ignition key cylinder, and said predetermined theft
10 preventing function includes at least a function to give warning when a turn-on of an ignition is detected in a state where said key is not inserted in said ignition key cylinder.

15 8. The vehicle antitheft device as claimed in claim 2, wherein the vehicle is equipped with a mechanical start device that starts the engine when an ignition operation is performed in a state where a key is inserted in an ignition key cylinder, and said predetermined theft
20 preventing function includes at least a function to give warning when a turn-on of an ignition is detected in a state where said key is not inserted in said ignition key cylinder.